Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 08 Jul 2023 until 23:59 on Sunday 09 Jul 2023

Forecast Issued on Saturday 08 Jul 2023 at 04:47

Confidence: High confidence in unsettled weather for upcoming days, but lower for details and timing of rain and showers.

Headline for Saturday 08 Jul 2023: A dry and sunny start, before cloud and showers or longer spells of rain move in, sometimes locally torrential with hail, frequent lightning and thunder.

Mountain weather hazards on Saturday 08 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms High Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Cloudy	Heavy rain showers	Heavy Rain	Thundery showers	Thundery showers
Precipitation probability					
00%	20%	70%	80%	80%	70%

Forecast for Saturday 08 Jul 2023

Weather: Dry at first and largely sunny, but quickly becoming cloudy with showers or longer spells of rain then arriving from the south by late morning. These will remain across the Yorkshire Dales through the day, becoming often very heavy with thunder and possibly hail, gusty winds and frequent lightning, especially this afternoon and early evening.

Chance of cloud-free hill tops above 600m: 100% at first, dropping to 70% during heavy showers or rain.

Low Cloud and visibility: Cloud should generally remain above the summits, perhaps shrouding higher peaks in heavy showers or rain. Visibility generally very good to start, but falling to poor in showers and rain with only near by hills visible.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 08 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/31 SE	19/24 SE	14/19 S	12/17 S	9/13 S	6/11 SW	7/11 W
300	11/29 SE	12/23 SE	9/17 S	7/15 S	5/10 SW	3/8 NW	3/8 W
Valley	13/29 E	11/23 SE	7/16 S	6/14 S	4/9 SW	1/4 NW	1/4 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/13	18/14	19/16	17/15	16/15	14/13	13/12
300	19/17	22/20	21/20	19/18	18/18	15/15	14/15
Valley	20/17	24/22	22/22	20/20	18/18	16/16	14/15
Freezing Level*	3000m	3200m	3200m	3200m	3100m	3000m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some strong winds likely over higher peaks first thing. Gusty conditions in or close to heavy showers. Heavy downpours may also make for treacherous walking conditions. Moderate UV levels are forecast so carrying sun protection recommended for any sunny spells.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 08 Jul 2023	0mm	0.2mm	1.4mm

Forecast for Sunday 09 Jul 2023

Weather: Dry through most of the morning with sunny spells at times. Scattered showers then developing late morning and persisting through the afternoon, gradually dying away through the evening. Some showers will be heavy and perhaps thundery.

Maximum wind: Southwesterly 10 mph, perhaps gusting up to 15-20 mph

Chance of cloud-free hill tops above 600m: 80% in west first thing, rising to 90%. 90% elsewhere

Low Cloud and visibility: Some low cloud possible across eastern slopes at first, but quickly clearing. Cloud then comfortably above summits through the day. Visibility generally very good, dropping to poor in showers.

Temperature: **Valleys:** Plus
At 600m: Plus
Freezing level: Above summits.

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